

# **INDUSTRY VISITS**

Industry visits are an important part of the academic curriculum of **Government Polytechnic, Nellore**. These visits help students gain practical exposure to industrial environments and understand the real-time applications of engineering concepts learned in classrooms.

Through industry visits, students interact with industry professionals, observe manufacturing processes, learn about modern equipment and technologies, and understand workplace safety practices. These visits also help bridge the gap between theoretical knowledge and practical implementation.

## **Objectives of Industry Visits**

- To provide practical exposure to industrial operations
- To understand real-time applications of engineering concepts
- To enhance students' technical and professional skills
- To create awareness about industrial work culture
- To encourage interaction with industry experts and engineers

## **Department-wise Industry Visits (2024 – 2025)**

### **A) Electrical & Electronics Engineering**

#### **➤ Visit to APGENCO, Nellore**

**Department:** Electrical & Electronics Engineering

**Industry:** APGENCO

**Location:** Nellore

**Date:** 13<sup>th</sup> Feb 2025

Students visited the APGENCO, Nellore as part of an industrial exposure program. During the visit, they observed various sections of the power plant such as the boiler, turbine, coal handling system, and control room. Engineers explained the process of electricity generation and plant operations. The visit helped students gain practical knowledge of power generation and industrial safety practices, enhancing their understanding of real-world engineering applications.



➤ Visit to **Sri Damodaram Sanjeevaiah Thermal power station**

**Department:** Electrical & Electronics Engineering

**Industry:** Thermal power station

**Location:** Nelatur, Muttukur, Nellore Dt.

**Date:** 24<sup>th</sup> February 2025

Students visited the **Sri Damodaram Sanjeevaiah Thermal Power Station** as part of their industrial exposure program. The power plant, operated by Andhra Pradesh Power Generation Corporation, provided students with an opportunity to observe the **process of thermal power generation** and the working of major units such as the **boiler, turbine, generator, and coal handling system**. Engineers explained plant operations and safety practices. The visit helped students gain **practical knowledge of power generation and real-time industrial operations**.



## **B) Civil Engineering**

### **➤ Visit to Penna Bridge Construction Site**

**Department:** Civil Engineering

**Location:** Penna bridge, Nellore.

**Date:** 5<sup>th</sup> Mar 2025





Students of the Civil Engineering Department from **Government Polytechnic, Nellore** visited the construction site of the **Penna Bridge** as part of their practical learning program.

During the visit, students observed various stages of bridge construction, including foundation work, reinforcement, and structural components. The field visit helped them gain practical knowledge of bridge engineering and understand the real-time application of civil engineering concepts.

### ➤ **Visit to Construction Project Site**

**Department:** Civil Engineering

**Industry:** Andhra Pradesh State Housing Corporation

**Location:** Nellore

**Date:** 28<sup>th</sup> Jan 2025

Students observed building construction activities such as foundation work, reinforcement, concrete mixing, and structural components. Engineers explained modern construction techniques and safety measures followed at construction sites.



## **C) Mechanical Engineering**

### **➤ Visit to Dairy Processing Industry**

**Department:** Mechanical Engineering

**Industry:** Vijaya Dairy

**Location:** Nellore

**Date:** 6<sup>th</sup> Feb 2025

Students observed milk processing plants, refrigeration systems, automated packaging machines, and quality control processes.

## **D) Computer & Commercial Practice (CCP)**

### **➤ Visit to Banking Sector**

**Department:** CCP

**Organization:** State Bank of India

**Location:** Nellore

**Date:** 12<sup>th</sup> Nov 2024

Students learned about banking operations, digital banking services, financial management systems, and customer service processes.

### **Benefits to Students**

- Improved practical understanding of industrial processes
- Exposure to modern technologies and equipment
- Better career awareness and industry expectations
- Development of professional skills and teamwork